

GLADYREVSKAYA, S.A.; MEANDROV, L.V.: GOLOVANENKO, S.A.; BYKOV, A.A.;
KLINOV, I.Ya., doktor tekhn. nauk, prof., retsenzent;
BLAGOSKLONNOVA, N.Yu., inzh., red.

[Two-layer steel in chemical machine building] Dvukhsloinye
stali v khimicheskem mashinostroenii. Moskva, Mashinostroenie,
1965. 151 p. (MIRA 18:5)

OSTROVSKIY, E.V.; EYDEL'MAN, Ye.V.; SOKOLOV, A.Ya., doktor tekhn.
nauk, prof., retsenzent; ZAYCHIK, TS.R., inzh., retsenzent;
BLAGOSKLONNOVA, N.Yu., inzh., red.

[Concise handbook for the designer of food machinery] Krat-
kii spravochnik konstruktora prodovol'stvennykh mashin.
Moskva, Mashinostroenie, 1965. 503 p. (MIRA 18:6)

MIL'MAN, Ya.V.; LESHCHENKO, V.G.; SMAGORINSKIY, A.B., inzh.,
retsenzent; BLAGOSKLONOVA, N.Yu., inzh., red.

[Automated electrical drives of the machinery of synthetic
fiber factories] Avtomatizirovannyi elektroprivod mashin
zavodov sinteticheskogo volokna. Moskva, Mashinostroenie,
1965. 195 p.
(NIRA 18:10)

BLAGOSKLONSKIY, T. I.

3407 BLAGOSKLONSKIY, T. I. AND OCHKIN A. V.

Tekhnicheskiy analiz metallov kolorime picheskim metodom. M., 1954.
28s s chert. 22 sm (Mosk. stankoinstrum. iit-t im I.V. Stalina.
Kafedra Khimii). 250 ekz B. Ts. (54-57739) 669.543+545.81

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ACC NR: AP6006810 SOURCE CODE: UR/0181/66/008/002/0332/0341

AUTHOR: Blagoskonskaya, L. Ye.; Gershenson, Ye. M.; Gurvich, Yu. A.; Ptitsyna, N. G.; Serebryakova, N. A.

ORG: Moscow State Pedagogical Institute im. V. I. Lenin (Moskovskiy gosudarstvennyy pedagogicheskiy institut)

TITLE: Cyclotron resonance of hot electrons in silicon and germanium

SOURCE: Fizika tverdogo tela, v. 8, no. 2, 1966, 332-341

TOPIC TAGS: cyclotron resonance, electron, silicon semiconductor, germanium semiconductor, impurity scattering

ABSTRACT: The cyclotron resonance of hot electrons in silicon and germanium was measured at 4.2 and 1.4°K in the three-centimeter range. Single crystal specimens of p-type silicon and germanium were used with a resistivity of 5000-18000 and approximately 70 Ω·cm respectively and a donor-acceptor impurity concentration of less than $5 \cdot 10^{13} \text{ cm}^{-3}$. The free carriers in the specimens were excited by light from an incandescent lamp modulated with a frequency of 500 cps. The cyclotron resonance was recorded as a function of magnetic field strength. The level of the

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incident resonator power was varied within a range of 60 db. The maximum power corresponded to a field on the specimen of the order of 20 v/cm. Curves are given showing the half width of the resonance line as a function of the incident power. Line width measurements give identical results for all specimens in strong electric fields. The resonance lines show different widths for various specimens in weak fields due to impurity scattering. At 4.2°K in fields greater than 10 v/cm in germanium and 6 v/cm in silicon, a region of spontaneous emission of acoustic phonons is observed. At 1.4°K, this region is observed in both semiconductors starting from fields of 2 v/cm. In stronger fields $\tau \propto e^{-1}$, while in weaker fields $\tau \propto e^{-1/2}$. In this field intensity interval as well as in the region of spontaneous emission, the resonance curves for hot electrons are described by a single parameter which is of the order of the relaxation time at $\omega = 0$. The authors thank Yu. P. Ladyzhinskij for assistance with the calculations, and M. I. Ginzburg and G. I. Kononov for furnishing the germanium and silicon single crystals. Orig. art. has: 3 figures, 24 formulas.

49, 55 18

SUB CODE: 20/ SUBM DATE: 08Jun65/ ORIG REF: 006/ OTH REF: 008

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BLAGOSKLONSKIY, T. I.

BLAGOSKLONSKIY, T. I.

Vladislav V. S.

82(1)

+7.1
REF ID: A6209
Soviet Encyclopedia of Space Research, Vol. 2, No. 1 (Space Research),
Volume 15, Five Volumes, Vol. 2, No. 2, Moscow, Russia, 1958.
560 p., 20,000 English printed.

Mr. (Title page) V.I. Vladislavsky, Director (Document), Mr. (Title page)
V.I. Karpov, Director, Department of Space Research, Director of Scientific Research,
S.S. Antonov (Chairman and Chief Ed.), Director of Scientific Research,
Professor V.I. Vladislavsky, Director (Document), Mr. (Title page),
S.A. Gerasimov, A.D. Savchenko, A.A. Shchegolev, G.B. Strelkov, and
S.A. Chernyayev, Manager Ed., for Reference Literature V.I. Karpov,

The book is a reference book for workers and engineers working in the
field of planetary design and production.

The book covers the following engineering applications, basic
principles, laws, rules and regulations, basic documents of space and earth
space research, instruments, tools, and methods of measurement and analysis
of celestial bodies. Particularly, V.I. Vladislavsky, R.V. Golubev are mentioned as
contributors in this field.

Reference and Reporting Agents 20 (P.R. Report No. 17)
Directorate of Scientific Research (Soviet Academy of Sciences)
Directorate of Scientific Research (Soviet Academy of Sciences)
Directorate of Scientific Research (Soviet Academy of Sciences)
Directorate of Scientific Research (Soviet Academy of Sciences)

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ARISTOV, N.P., kand. tekhn. nauk.; RLAGOSKLONSKIY, T.I., kand. khim. nauk.; VESELOVSKIY, V.S., prof., doktor tekhn. nauk.; VLADISLAVLEV, V.S., prof., [deceased]; GOSTENINA, V.M., inzh.; GRINBERG, B.G., kand. tekhn. nauk.; KATT, N.V., kand. tekhn. nauk.; KESTNER, O.Ye., kand. tekhn. nauk.; KIDIN, I.N., prof., doktor tekhn. nauk.; KIRSHENSHTEYN, Ye.L., inzh.; KITAYGORODSKIY, I.I., prof., doktor tekhn. nauk.; KOLOBNEV, I.F., kand. tekhn. nauk.; KRYLOV, V.V., kand. tekhn. nauk.; LAKHTIN, Yu.M., prof., doktor tekhn. nauk.; LEVI, L.I., kand. tekhn. nauk.; LIPETOV, V.A., kand. tekhn. nauk.; LUNEV, A.A., kand. tekhn. nauk.; LUNEV, P.A., kand. tekhn. nauk., [deceased]; LOTSMANOV, S.N., kand. tekhn. nauk.; MAURAKH, M.A., kand. tekhn. nauk.; MINKEVICH, A.N., kand. tekhn. nauk.; OCHKIN, A.V., inzh.; POPOV, V.A., kand. tekhn. nauk.; RAKOVSKIY, V.S., kand. tekhn. nauk.; SHESTOPAL, V.M., kand. tekhn. nauk.; ACHERKAN, N.S., prof., doktor tekhn. nauk., glavnyy red.; MALOV, A.N., red.; POZDNYAKOV, S.N., red.; ROSTOVYKH, A.Ya., red.; STOIBIN, G.B., red.; CHERNAVSKIY, S.A., red.; KRYLOV, V.I., inzh., red.; KARGANOV, V.G., inzh., red. graficheskikh rabot.; SOKOLOVA, T.E., tekhn. red.

[Metal worker's handbook in five volumes] Spravochnik metallista v piati tomakh. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry. Vol. 3. Book 1. 1958. 560 p. (MIRA 11:11)
(Metals--Handbooks, manuals, etc.)

BLAGOSKLONSKIY, T.I., kand. tekhn. nauk, dots.

[Colloids; general chemistry textbook] Kolloidy; uchebnoe posobie po kursu obshchei khimii. Moskva, Nez. stankoinstrumental'nyi in-t, 1961. 35 p.
(MIRA 18:7)

BLAGOSKLONSKIY, T. I., dots., kand. khim. nauk; LUCHINSKIY, G.P.,
prof., otd. red.

[Organic polymers] Organicheskie polimery. Moskva, Mosk.
stankoinstrumental'nyi in-t, 1964. 101 p. (MIRA 18:8)

PROSHLYAKOV, A.I.; ZHELEZNYKH, V.I.; BYCHEVSKIY, B.V.; ZOTOV, V.F.;
LYAMIN, N.I.; IVANOV, D.S.; BLAGOSLAVOV, B.V.; BARAIKOV, N.P.
PANKOV, M.A.; OGORODNIKOV, V.A.; FILOGENKO-BORODICH, M.M.;
IL'YASEVICH, S.A.; RABINOVICH, I.M.; OLISOV, B.A.; DAVYDOV,
S.S.; ZIMIN, D.D.; SHPERK, B.F.; USKOV, V.N.; BUZNIK, P.K.

Boris Aleksandrovich Olivetskii; obituary. Voen.-inzh.zhur.
101 no.12:42 D '57. (MIRA 10:12)
(Olivetskii, Boris Aleksandrovich, 1896-1957)

ARKHANGEL'SKIY, A.S., kand. tekhn. nauk; VASIL'YEV, N.V., kand. tekhn. nauk; GORDIYENKO, B.I., inzh.; SAMOYLOV, V.P., kand. tekhn.nauk; TERENETSKIY, L.N., inzh. Prinimali uchastiye: DEMESHKO, Ye.A., inzh.; KUBENEV, Kh.K., kand. tekhn. nauk; SMORODINOV, M.I., kand. tekhn. nauk; KHRAPOV, V.G., kand. tekhn. nauk; NIKOL'SKIY, I.S., inzh.; KATKOV, G.A., inzh.; VORONTSOVA, N.D., starshiy laborant; BLAGOSLAVOV, Yu.B., kand. tekhn. nauk, nauchnyy red.; SMIRNOVA, A.P., red. izd-va; IGNAT'YEV, V.A., tekhn. red.

[Underground mining in loose rocks] Prokhodka podzemnykh vyrobok v sypuchikh porodakh. Pod obshchei red. A.S. Arkhagel'skogo. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 205 p.

(MIRA 14:11)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut osnovaniya podzemnykh sooruzheniy. 2. Sotrudniki Laboratori metodov vozvedeniya podzemnykh sooruzheniy Nauchno-issledovatel'skogo instituta osnovaniy Akademii stroitel'stva i arkhitektury SSSR (for all except Blagoslavov, Smirnova, Ignat'yev).
(Mining engineering)

BLAGOSLOVENSKIY, G.S.

Dosage of antibiotics in nephritis and nephrosis in children.
Vop. okh. mat. i det. 6 no.4:9-14 Ap '61. (MIRA 14:6)

1. Iz Nauchno-issledovatel'skogo pediatriceskogo instituta
(dir. - zasluzhennyj vrach RSFSR L.S.Kutina, nauchnyj rukovoditel' -
prof. E.I.Fridman [deceased]).
(KIDNEYS—DISEASES) (ANTIBIOTICS)

BLAGOV, A.

A reliable support. MTO no.10:53 0 '59.

(MIRA 13:2)

1. Predsedatel' komiteta profsoyusa Penzenskogo zavoda schetno-analiticheskikh machin.

(Penza--Calculating machines)

DEMIN, I.G.; BLAGOV, A.T.; ZHAGLEY, P.P.; ZELENETSKAYA, L.V., red.;
SAYTANIDI, L.D., tekhn.red.

[Collection of suggestions for efficiency improvements]
Sbornik ratsionalizatorskikh predlozhenii. Moskva, Izd-vo
M-va sel'.khos.RSSR, 1960. 42 p. (MIRA 14:1)
(Agricultural machinery)

18 (5, 7)

SOV/158-59-11-4/24

AUTHOR: Blagov, B.N., Engineer

TITLE: Influence of Gas Medium on Crust Formation on Steel Castings

PERIODICAL: Liteynoye proizvodstvo, 1959, Nr 11, pp 7-10 (USSR)

ABSTRACT: The problem discussed in this article concerns the possibility of obtaining steel castings without crusts by creating a reducing or neutral medium in the mold. For the purpose of establishing the optimum conditions when casting steel, a number of experiments were carried out. The steel was cast at a temperature of $1550^{\circ} \pm 5^{\circ}$. During the process of casting, the following factors were studied: Composition of gas medium depending on the core mixture material, heating of cores, residual moisture content, temperature, and the chemical composition of the steel used. An experimental installation (Fig 1) was used to this end. The gases obtained were analyzed after being decomposed into the following: $\text{CO}_2 + \text{SO}_2$, CnHm , O_2 , CO , H_2 , CH_4 , and N (remainder). The

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SOV/158-59-11-4/24

Influence of Gas Medium on Crust Formation on Steel Castings

experimental castings were hollow in shape, with a 20 cm diameter and 40 cm in length; their inside cavity was filled with cores made of different mixtures. The compositions of core mixtures were: 1) Quartz sand - 91.0%, clay 9%, tying material SB55; 2) Quartz sand 95.0%, clay 5%, sulfite distillery; 3) Quartz sand 93% clay 7.0%, water; 4) Quartz sand 88.0%, clay 9.0%, charcoal 3.0%, water. Fig 5 gives the amounts of residual moisture in cores: Composition 1 - 0.20%; 2 - 0.28%; 3 - 0.32%, 4 - 0.40%. Experiments have shown that with the increase of moisture, the content of hydrogen in gases increases. Dependence of gas composition on the cast steel temperature is given in Fig. 6; raising the temperature influences the contents of CO₂ and CO, also, partially, the contents of H₂. In order to establish the gas composition that depends on the properties of the steel used, castings made of steel 35L and G13L were applied; the cores were fashioned from mixture 3. The chemical composition

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SOV/128-59-11-4/24

Influence of Gas Medium on Crust Formation on Steel Castings

of steel exercised a considerable influence on CO and CO₂ contents only. Formation of crust was studied on cylindrical castings of different diameter with walls 50 mm in thickness; it was disclosed that the presence of CO₂ is the main factor stipulating formation of crust. There are 8 graphs, 2 diagrams and 6 references, 5 of which are Soviet and 1 English.

Card 3/3

BLAGOV, B. N., Cand Tech Sci -- (diss) "Research into gaseous medium in the cast form and its effect on the process of the development of sand crust in the steel casting." Moscow, 1960. 23 pp; 1 page of tables; (Ministry of Higher and Secondary Specialist Education RSFSR, Moscow Order of Labor Red Banner Inst of Steel im I. V. Stalin, Chair of Casting Production); 120 copies; free; bibliography at end of text ; (KL, 18-60, 150)

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205420012-5

BAUMAN, B.V.; BLAGOV, B.N.; CHERNIN, E.A.

Pneumatic tube transportation in foundries. Lit. proizv. no.8:
39 Ag '63. (MIRA 16:10)

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205420012-5"

BLAGOV, I.

"Deep Drawing of Circular Cylindrical Details." p. 18,
(LEKA PROMISHLENOST, Vol. 3, No. 1, 1954, Sofiya, Bulgaria)

SO: Monthly List of East European Accesions, (EEAL), LC, Vol. 4
No. 5, May 1955, Uncl.

BLAGOV, I.

BLAGOV, I. Prolonging the life of the punching machines. p. 10. Vol. 5, no. 8,
1956 ELEKTROENERGIIA. Sofiia, Bulgaria

SOURCE: East European Accessions List (EEAL) Vol 6, no. 4--April 1957

BLAGOV, I.

TECHNOLOGY

Periodical: LEKA PROMISHLENOST. Vol. 7, no. 8, 1958.

BLAGOV, I. Grinding in ball mills. p. 17.

Monthly List of East European Accession (EEAJ), LC., Vol. 8, no. 2,
February 1959, Unclass.

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205420012-5

BLAGOV, I.S.

Fuel Abstracts

Vol. XV, No.2

Feb., 1954

Manufactured Solid Fuels
and Carbon Products: properties

✓ 1108. BRICKETTING COAL FINES, USING HEAVY COAL TAR PRODUCTS AS BINDER.
Blagov, I.S., Shpakler, A.G., Kekkin, A.M. and Zel'din, B.B. (Ugol (Coal),
Aug. 1953, 40-42). The process is described with flow diagrams and
properties of the briquettes are given. (L).

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205420012-5"

PLAKSIN, I.N., redaktor; BLAGOV, I.S., inzhener, redaktor; ALADOVA,
Ye. I., tekhnicheskij redaktor; KOROVENKOVA, Z.A., tekhnicheskij
redaktor.

[Flotation of coal; proceedings of a scientific and technical
conference] Flotatsiya uglei; trudy nauchno-tehnicheskogo
soveshchaniia. Moskva, Ugletekhizda, 1954. 251 p. (MLRA 8:7)

1. Ohlen-korrespondent AN SSSR (for Plaksin)
(Coal preparation)

BLAGOV, I.

Coal preparation workers are mastering new techniques. Mast.
ugl. 4 no.4:10-12 Ap '55. (MLRA 8:6)

1. Upravlyayushchiy trestom Stalinugleobogashcheniye.
(Stalino Province--Coal preparation)

BLAGOV, I.S., inzh.; KEYTEL'GESSER, I.N., kand. tekhn. nauk

Reducing the number of workers employed in coal preparation.
Ugol' Ukr. 2 no.2:23-26 F '58. (MIRA 13:3)
(Coal preparation) (Automatic control)

ALEKSEYEVA, V.A.; KARASIK, Ye.E.; KOVAL', BLAGOV, I.S.; NOLIKOV, N.F.

Results of the use of polyacrylamide at the Verkhne-Duvannyi
Central Concentration Plant for the coagulation of flotation
tails. Koks i khim. no.10:20-21 '60. (MIRA 13:10)

1. Dnepropetrovskiy gornyy institut (for Alekseyeva, Karasik).
2. Luganskiy trest "Ugleobogashcheniya" (for Koval'). 3. Ukrainskiy nauchno-issledovatel'skiy institut Ugleobogashcheniya (for Blagov). 4. Verkhne-Duvanskaya tsentral'naya ugleobogatitel'naya fabrika (for Nolikov).
(Verkhne-Duvannyi---Coal preparation)
(Acrylamide)

BLAGOV, I. S., Cand. Tech. Sci. (diss) "Investigation of Process of Enrichment of Coals on Concentration Tables," Dnepropetrovsk, 1961, 26 pp. (Dnepropetrovsk Mining Inst.) 220 copies, (KL Supp 12-61, 263).

FOMENKO, Timofey Grigor'yevich; BLAGOV, Igor' Sil'vestrovich; KOTKIN,
Aleksandr Matveyevich; KUNIK, V.P., red.izd-va; LOMILINA, L.N.,
tekhn. red.

[Slime flocculation] Flokuliatsiya shlamov. Moskva, Gos.
nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1962. 109 p.

(MIRA 15:3)

(Flotation)

BLAGOV, I.S.; KOTKIN, A.M.; FOMENKO, T.G.; RYKOV, N.A., otv. red.;
ROMANOVA, L.A., red. izd-va; OVSYENKO, V.G., tekhn. red.;
LAVRENT'YEVA, L.G., tekhn.red.

[Gravity ore dressing processes; theoretical principles] Gra-
vitatsionnye protsessy obogashcheniya; teoreticheskie osnovy.
Moskva, Gosgortekhizdat, 1962. 230 p. (MIRA 15:11)
(Ore dressing)

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205420012-5

BLAGOV, I.S.; SKLYAR, P.T.

Changes in the State Standard 6105-57. Standartizatsiia 26 no.1:
47-50 Ja '62. (MIRA 15:1)
(Coal--Testing--Standards)

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CIA-RDP86-00513R000205420012-5"

SHPAKHLER, A.G.; KORCHAGIN, L.V.; LEVIN, S.T.; BLAGOV, I.S.; KOTKIN, A.M.;
SOLOV'YEV, A.V.

Briquetting coal and anthracite breezes in a cold state. Ugol'. prom.
no.6:34-36 N-D '62. (MIRA 16:2)

1. Dnepropetrovskiy gornyy institut (for Shpakhler, Korchagin, Levin).
2. Ukrainskiy proyektno-konstruktorskii i nauchno-issledovatel'skiy
institut po obogashcheniyu i briketirovaniyu ugley (for Blagov, Kotkin,
Solov'yev).

(Briquets (Fuel))

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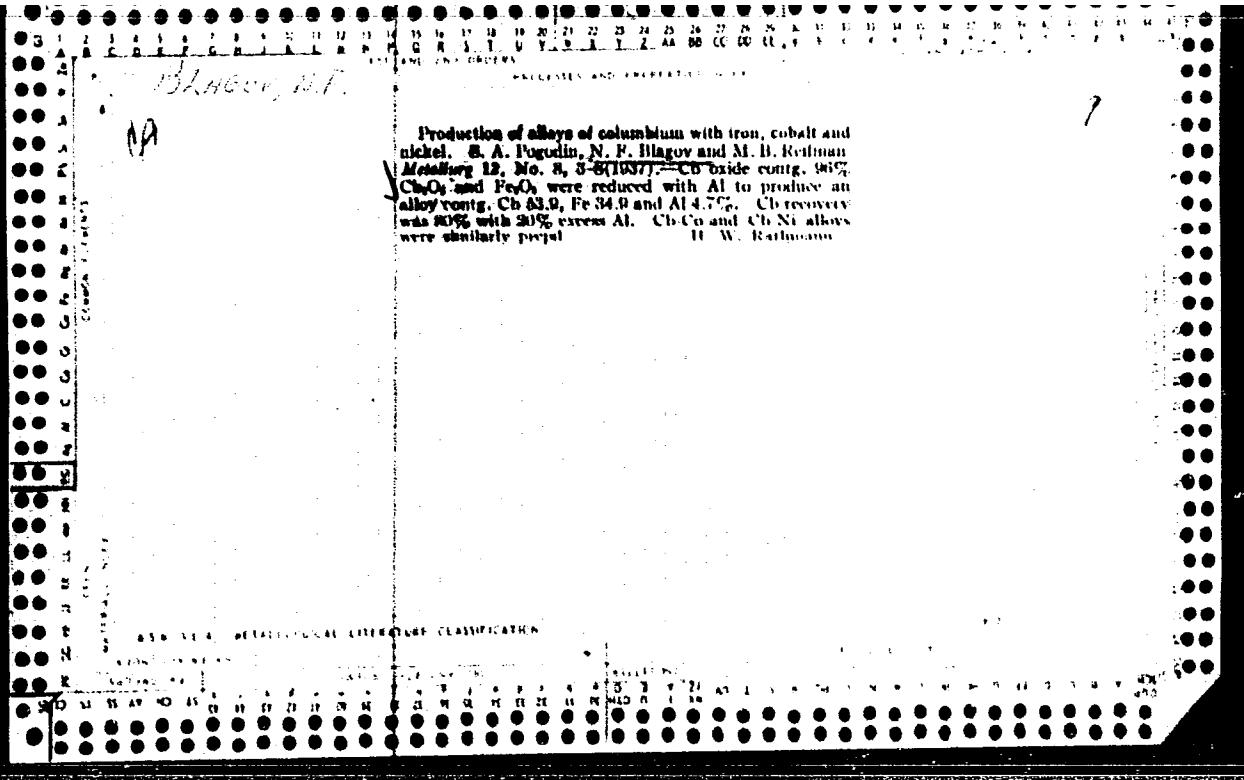
CIA-RDP86-00513R000205420012-5

ZAYTSEV, I.F.; VDOVIN, D.I.; GNEDOV, N.P.; BLAGOV, I.S.; ZIMASKOV, V.A.;
KOTKIN, A.M.; LEKHTSIYER, I.S.; MIROSHNIKOV, V.G.; OSYKIN, V.T.

Separator for dressing lump material. Gor. zhur no.4:76 Ap '63.
(MIRA 16:4)
(Separators (Machines))

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205420012-5"



BLAGOV, S.S. [deceased]; PECHKOVSKAYA, K.A.; LYKIN, A.S.; SIMANOVSKAYA, S.A.;
SHMIGEL'SKIY, V.K.

Electron-microscopic investigation of rubber mixtures and their
basic ingredients. Kauch.i rez. 18 no.3:12-18 Mr '59.

(MIRA 12:5)

1. Nauchno-issledovatel'skiy institut shchinoj promyshlennosti.
(Rubber research)
(Electron microscopy)

BLAGOV, Sergey Sergeyevich, brigadir; ZAGORSKIY, G., red.; PAVLOVA,S.,
tekhn. red.

[We harvest cabbage in June] Kapusta ubiraem v iune. Moskva,
Mosk. rabochii, 1961. 18 p. (MIRA 15:1)

1. Spetsialisirovanny ovoshche-kartofelevodcheskiy sovkhd
"Ramenskoye", Moskovskoy oblasti (for Blagov).
(Cabbage—Harvesting)

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205420012-5

BLAGOV, V., inzh.; KUDRETS, V., inzh.

Marine sanitary-engineering installations from plastics. Mor. flot.
24 no.8:29-30 Ag '64. (MIRA 18:9)

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205420012-5"

BLAGOV, V., inzh.; TATARINNIKOV, V., inzh.

Use of synthetic materials in finishing and outfitting the living quarters of ships. Mor. flet 25 no.8:32 Ag '65. (MIRA 18:8)

BLAGOV, V., inzh.; TKACHENKO, V.A., inzh.

Industrial area for manufacturing plastic furniture for ships.
Sudostroenie 27 no.10:64-65 O '61. (MIRA 14:12)

(Furniture)

(Plastics)

(Ships—Equipment and supplies)

BLAGOV, V.A., inzh.; TKACHENKO, V.A., inzh.; KUDRETS, V.S., inzh.

Manufacture of plastic ship furniture by the method of
compressed air molding. Sudostroenie 30 no.5±44-46 My '64.
(MIRA 17±6)

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205420012-5

BLAGOV, V.A.; TKACHENKO, V.A.; TSARINNIKOV, V.V.

Use of plastics in shipbuilding. Mor. sbor. 47 no.3:68-74 Mr '64.
(MIRA 18;7)

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205420012-5"

BUKSSTEYN, Moisey Solomonovich. SHANKOV S.B., ~~let.~~, red.;
CHERTOV, A.S., red.; CHUVIKOV, N.T., dots., red.;
BLAGOV, V.F., red.; PTITSYN, K.N., red.

[Album of drawings for detailed work in electrical and
radio engineering] Al'bom chertezhei dlia detalirovok
po elekrotekhnike i radioelektronike. Moskva, Energiia
1964. diagrs. (MIRA 18:1)

1. Starshiy prepodavatel' radiotekhnicheskikh kafedr
Gor'kovskogo politekhnicheskogo instituta (for Blagov,
Ptitsyn).

BARCH, I.Z.; BLAGOV, V.L.; ZHEGOLEV, B.A.; DASHOVSKIY, M.Yu.; D. N.,
B.A.; AGFEST, D.N.

Using combined assembly blocks in constructing blast furnaces.
Prom. stroi. 39 no. 2:5-9 '61. (MFA L:?)

1. Yuzhnnyy nauchno-issledovatel'skiy institut Akademii stroitel'stva i arkhitektury USSR (for Blagov). 2. Donbassstal'konstruktсиya (for Zhegolev). 3. Gosudarstvennyy proektnyy institut Mirproyektstal'konstruktсиya (for Dashovskiy). 4. Donbassprommontazh (for Sister).
5. Voroshilovskstroy (for Agrest).

(Blast furnaces) (Precast concrete construction)

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CIA-RDP86-00513R000205420012-5

Country : Bulgaria H-13
Category :

Abs. Jour. : 39380

Author : Blagov, Y.
Institut. : Not given
Title : Grinding with Ball Mills

Orig. Pub. : Leka Promishlenost, 7, No 8, 17-19 (1958)

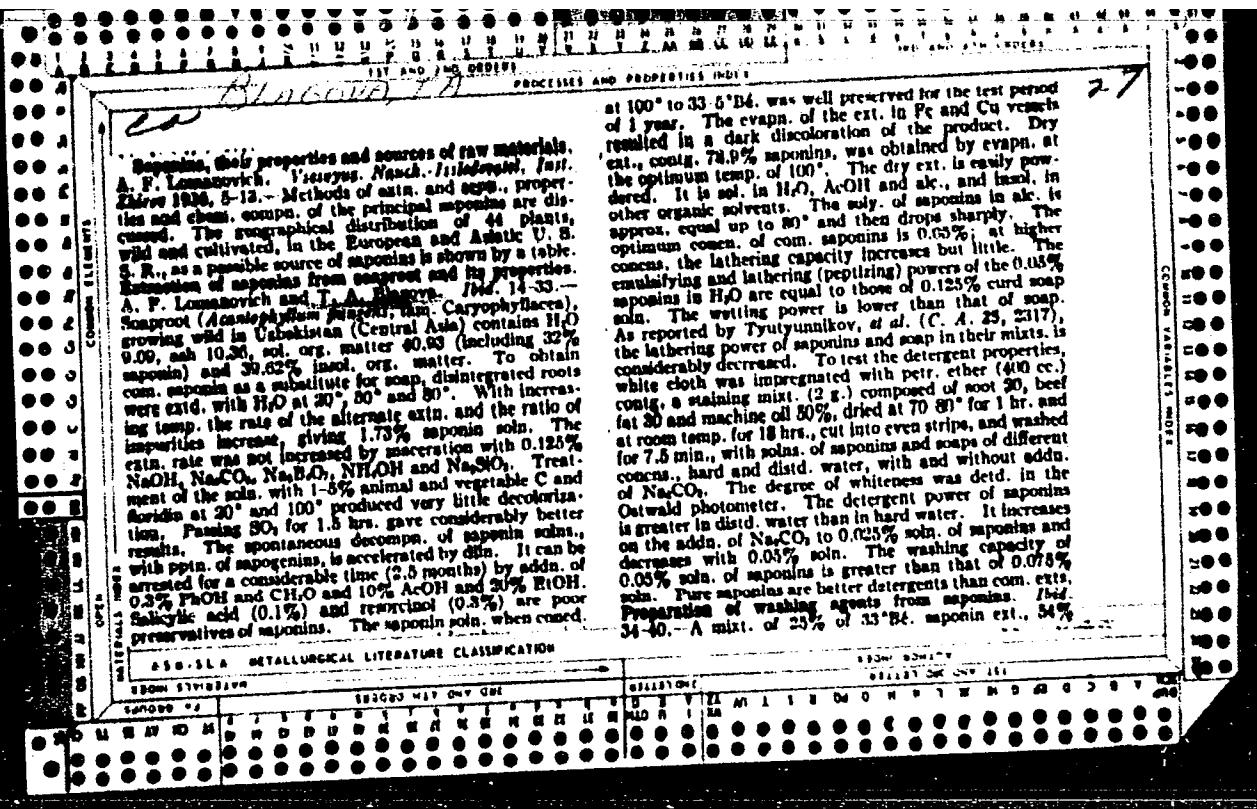
Abstract : No abstract.

Card: 1/1

H-34

APPROVED FOR RELEASE: 06/08/2000

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laotin and 10% of calcined Na_2CO_3 was triturated in a mortar with 10% H_2O_2 , neutralized petroleum sulfonic acids (I), Na silicate and rosin oil (II), and then formed by hand into bars and tested. All the bars possess equally unsatisfactory detergent properties for personal use and laundering. The mixt. with I excels all others in its combined effect. The emulsifying power of all other mixts. is inferior. The mixt. with II has a good phys. appearance, satisfactory lathering properties and an emulsifying power somewhat greater than that of the mixts. with H_2O_2 and Na silicate. Dry shampoo, contg. 0.025-0.1% saponins (based on pure product) in 10° and 20° alc., were prep'd. from the ext. previously obtained, with and without the addn. of 1% NH_4OH , 2% $(\text{NH}_4)_2\text{CO}_3$ and 2% borax. The soln. in 10° alc. possesses some lathering properties; that in 20° alc. has none. The addn. of NH_4OH to the soln. in 10° alc. increases the lathering and emulsifying properties considerably. $(\text{NH}_4)_2\text{CO}_3$ improves the emulsifying power, but not the lathering power, of saponins. $\text{Na}_2\text{B}_4\text{O}_7$ increases the emulsifying property and decreases the lathering power to zero. A soln. of 1-2% saponins in 20° alc. can be used as a substitute for liquid toilet soap and wet shampoos. Application of saponins as washing agents. *Ibid.* 41-9.—

Tests in hand and com. machine washing of white and dyed cotton, silk, wool and viscose fabrics and skeins with a soln. of snaproot ext. (0.05% saponins) and 0.125% of curd soap and in laundering soiled underwear with ground snaproot and its brew showed that as compared to soap saponins cause insignificant "bleeding" of print and dyed goods, preserve the luster of silk and rayon washed in hard water (no formation of Ca soaps) and give no clumping and shrinking of woollen articles. Washing with saponins and soap of white goods gave approx. equal results; ground root caused a slight discoloration of the goods, which could be detected only by the use of the Ostwald photometer. Recipes and procedure for com. laundering are given. Extracts of saponins from various plants. A. P. Lomanovich, T. A. Blagova and A. A. Felyukova. *Ibid.* 50-6. — The habitat of *Lycalis chalcedonica*, *Sapindus saponaria*, horse chestnut, *Acanthopodium glandulosum*, *Cyclamen ibericum*, soapwort (*Saponaria officinalis*) and *Melandrium album* and their values as a source of saponins are discussed. The methods of extr. saponins, their properties and uses as detergents are reviewed. Detection and determination of saponins. A. P. Lomanovich and A. A. Felyukova. *Ibid.* 58-06. — A discussion of various methods. References. C. B.

SEARCHED		INDEXED		SERIALIZED		FILED							
Bhagout, T.A.													
F													
5669. PREPARATION OF LUBRICATING OILS BY ALKYLATION OF HYDROCARBONS OF COKE OVEN TAR. Ivanov, KI and Sharyas, TA (J. Appl. Chem. (U.S.S.R.) 1945, 18, 158-71; Chem Abstr. 1945, 39, 5443) Alkylation of the aromatic hydrocarbons of coke oven tar by olefins of coke oven gas yields up to 38% of various grades of lubricating oils, close in quality to petroleum products and not requiring deparaffinisation. Increase of percentage content of olefinic matter in the reaction mass increases the viscosity and improves the quality of the final oils, but simultaneously lowers the yields. Alkylation was conducted with cooling at 12-17° with gradual addn. of $AlCl_3$ (not less than 1.5 hrs.). ~ N													
<p style="text-align: center;">ASA-SLA METALLURGICAL LITERATURE CLASSIFICATION</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">EDITION</td> <td style="width: 33%;">193000 MAY ONLY USE</td> <td style="width: 33%;">SERIALS</td> </tr> <tr> <td>EDITION</td> <td>193000 MAY ONLY USE</td> <td>SERIALS</td> </tr> </table>								EDITION	193000 MAY ONLY USE	SERIALS	EDITION	193000 MAY ONLY USE	SERIALS
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BLAGOVA, T. A.

May 52

ISSN / Chemistry - Peroxides

"Methods of Obtaining Dialkyl Peroxides, Tetraalkylethoxy Peroxide and Phenyllisopropylethyl Peroxide," K. I. Ivanyov, T. A. Blagoval, All-Union Heat Engineering Inst. in P. Dzerzhinsk.

Zhur. Obschch. Khim., Vol. 22, No. 5, pp. 784-789

Developed a method for the synthesis of dialkyl peroxydes by the reaction between alkali salts of hydroperoxydes and halogen alkyls in a methanol soln. The above peroxydes, not previously described, were synthesized and their properties investigated. Their constitution was established.

26329

36542
S/081/62/000/006/075/117
B149/B108

11.013V

AUTHORS: Lipshteyn, R. A., Khaykina, S. E., Avetisyan, A. S., Blagova,
T. A.

TITLE: Additives to liquid gas turbine fuels for the prevention of
ash deposition and of corrosion of vanadium

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 6, 1962, 536, abstract
6M220 (Sb. "Prisadki k maslам i toplivam", M., Gostoptekhiz-
dat, 1961, 366 - 374)

TEXT: About 20 substances were tested by static and dynamic methods under
laboratory conditions as well as in a gas turbine unit MTY 600-1,5 (GTU
600-1.5) of 1500 hp, for their effectiveness as additives to fuel, prevent-
ing ash deposition between the inlets and outlets of the turbines and pro-
tecting the vanadium blades from corrosion. AT-1 (DT-1), AT-2 (DT-2),
and sulfur-containing 40 and 60 fuel oils (mazut) were used as fuels.
The experiments on GTU have shown that normal working can be maintained
with mazut during ≤ 2 days, as the rapid formation of deposits blocks the
turbine. The addition of 0.2% (by weight) of kaolin to mazut decreases

Card 1/2 X

Additives to liquid gas ...

S/081/62/000/006/075/117
B149/B108

the deposit formation, and in working with motor fuel it prevents the corrosion of vanadium in steel ЭЯ1Т (EYa1T), ЭИ 405 (EI405), ЭИ 612 (EI612) at gas temperatures $\leq 700^{\circ}$. Besides kaolin, the following additives were tested and are recommended: montmorillonite, dolomite, MgO, and MgSO₄.

[Abstracter's note: Complete translation.]

Card 2/2

S/100-100/2000-12-5

AUTHORS: Lipshteyn, R.A., Candidate of Technical Sciences; K.N. Saryan, A. V. Engineer; Gorbanenko, A.O., Candidate of Technical Sciences; G.V. Blagova, T.A., Engineer; Ginzburg, L.S., Shul'zhev, G.I., Candidates of Technical Sciences.

TITLE: The combustion of Diesel-engine fuels D-1 (DT-1) and D-2 (DT-2) and boiler fuel oils M-40 and M-60 in the PIY-(GTU-) 600-1,5 gas-turbine powerplant, and preliminary results of test on anti-diesel and vanadium-corrosion-inhibiting additives.

SOURCE: Bor'ba s korroziyey dvigatelye vnutrennego sgoraniya i gazoturbinnykh ustavovok. Vses. sovet nauchno-tehn. obshchestv. Mashgiz, 1962, 202-218.

TEXT: The physical and chemical characteristics of the fuels (F) tested are detailed in a full-page table. The M-40 F came from the Nov. Kolomenskoye plant. The 1,500-hp industrial gas-turbine (GT) powerplant (PP) (gas turbine + inlet fan) at temperature 600°C was modified, by the addition of fuel preheaters and reduction of fuel-injection pressure to 40 atm (scheme shown), to reduce the viscosity of the M-40 F to a manageable value and render operation on M F comparable to normal M-20 F. Rough and fine oil-filter management in the presence of galvanized additives (0.3 kg per ton F) is detailed. The centrifugal P nozzles showed no normal work when operated on DT F, but were severely worn when used with DT-1.

Card 1/3

The combustion of Diesel-engine fuels... 8/7/60 (ed. 1) (cont'd.)

S.M.F. Electrolytical application of a boron film on the nozzle surfaces was somewhat helpful but not adequate to reduce wear with M.F. substantially. A more quantitative analysis of the inadequate spray breakdown of M.F. (noted especially for the first few hours of operation) is the formation of a layer of relatively large particles onto the nozzle tips. It is believed that these new pneumatic nozzles (cross-section supplied) are being developed to overcome this "aptitude" as well as excessive wear with M.F. The combustion characteristics remained free of deposits after 3051 hrs on 10T F and 2000 hrs on M.F. (based on a char-ash-particle theory shown in cross-section). A comparative exhaust-pipe temperature-combustion efficiency is tabulated, showing substantial identification differences between both grades of fuel. Turbine blades require thorough removal of deposits from the rows in contact with 10T F, once every 24-48 hrs with M.F. Most ash deposit is located in the first row of stator blades; ash deposits on the first row of rotor blades are about 75% less; subsequent rows even less. 60-80% of the deposits are believed soluble. The washing procedure with hot water jets, in which the starting time is employed to rotate the engine at 500 rpm, is described in detail. Additives designed for both pulverized and liquid additives were constructed and tested (cross-section supplied). Addition of CaO increased the service period between washings from 3 to 10 days. Possibilities for further improvement are outlined and analyzed. In the tests described thus far the gas turbine pictures do not include

Card 2/3

...
This morning, I had a chance to look over the site again. A small boat was used to approach the area where the first deposit was found. This time, I took a boat to the right side of the river, and after about 100 feet, I found another deposit of mineralized material. A second deposit was found at the same point as the first. After the first two deposits were found, the boat was turned around and headed back up the river. A third deposit was found near the mouth of the creek, and a fourth deposit was found near the mouth of the creek. Both of these deposits were found in the same place as the first two. The water in the river was very clear and there was no debris or trash in the water. The water was very cold and there was no fish in the water. The water was very clear and there was no debris or trash in the water. The water was very cold and there was no fish in the water.

X

A small boat was used to approach the site again.

S/100/04/2000

AUTHORS: Blagova, T. A., Lipshteyn, R. A.

TITLE: Systematic analysis of the composition of the ash of petroleum products
and external deposits on boilers and gas-turbine blades.

SOURCE: Bor'ba s korroziyey dvigateley vnutrennego sgoraniya i gazoturbinnykh
ustanovok. Vses. sovet nauchn.-tekhn. obshchestvo. Moscow.
Mashgiz, 1962, 289-294.

TEXT: Although the ash content of bunker fuel oil is not overly great, the ashes are so constituted that they adhere readily to the relatively cool, heating surface of a boiler and the gas-flow-affected portion of gas turbines and impair thereby the efficiency and the time between overhauls of such equipment. Above 600°C the ashes are conducive to corrosion attributable to Na and V, which aggravating any existing V corrosion. Some ash components, e.g., MgO , CaO , SiO_2 , and Fe_2O_3 , inhibit, to a degree, the formation of deposits and, therefore, determination of the composition of the ashes is rendered difficult by the presence of cations which interfere with the determination of those cations that are of interest. Spectrometric analysis of deposits in the GT 600-1,5 (600°C) gas turbine (1,500 hp) operating on M-40 bunker fuel oil identifies Na, V, Ni, Cu, Mg, P, Ca.

Card 1/2

ACCESSION NR: AP4025422

S/0096/64/000/004/0042/0044

AUTHORS: Lipshteyn, R. A. (Candidate of technical sciences); Avetisyan, A. S. (Engineer); Blagova, T. A. (Engineer); Kosobokova, E. M. (Engineer); Chuykova, T. A. (Engineer)

TITLE: The effect of the fuel ash on vanadium corrosion of metals

SOURCE: Teploenergetika, no. 4, 1964, 42-44

TOPIC TAGS: corrosion, vanadium corrosion, vanadium pentoxide, sodium sulfate, fuel, petroleum residue, fuel ash, turbine, turbine vane, steel EI-405, steel EYa-1T, diesel oil, sulfur, fuel combustion stand

ABSTRACT: The corrosive effect on samples of metals kept in ash containing vanadium pentoxide and sodium sulfate was reported on in an earlier paper by R. A. Lipshteyn, S. E. Khaykina, and E. S. Ginzburg ("Teploenergetika", No. 8, 1960). The most corrosive mixture contained a ratio 87/13 of V_2O_5/Na_2SO_4 . Since the ash deposits on the vanes of GTU 600-1.5 turbines (fueled by sulfur-containing petroleum residues) consisted mainly of V_2O_5 and Na_2SO_4 , the authors' intention was to

Cord 1/3

ACCESSION NR: APL025422

prove the corrosiveness of such fuels by direct experiment. They constructed a small unit provided with a spray burner, of a 2L/hr capacity, as well as with a chamber containing the metallic samples, which were exposed to the corrosive effect of the combustion gases, at a temperature range of 700-900C. The fuel used was a vanadium-free diesel oil, containing 0.9% sulfur, in which were dissolved the desired metalloorganic compounds. In the first series of experiments the ratio of V_2O_5/Na_2SO_4 varied, while keeping the total ash content of the oil constant at 0.0537%. It was found, that the corrosive aggressiveness of the fuel depended to a large extent on the temperature. Thus, at 900C the maximum corrosiveness was obtained with fuels containing 96% V_2O_5 in their ash, while at 700C the optimum corrosive concentration of V_2O_5 was 91%. In the second series of experiments the concentration of V_2O_5 in the fuel was kept constant at 0.053%, while to it were added either 0.006% Na_2SO_4 or 0.002% Pb, Cu, Ni, or Fe. It was found that the addition of Na_2SO_4 reduced/somewhat the corrosiveness of vanadium, as did the addition of lead and iron. Orig. art. has: 5 charts and 2 tables.

ASSOCIATION: Vsesoyuznyy teplotekhnicheskiy institut (All-Union Thermo-technical)

Card 2/32

ACCESSION NR: AP4044559

S/0096/64/000/009/0019/0022

AUTHORS: Lipshteyn, R. A. (Candidate of technical sciences); Avetisyan, A. S. (Engineer); Blagova, T. A. (Engineer); Kosobokova, E. M. (Engineer); Chuykova, T. A. (Engineer)

TITLE: On the problem of using petroleum fuel with vanadium corrosion-reducing additives in gas turbines

SOURCE: Teploenergetika, no. 9, 1964, 19-22

TOPIC TAGS: fuel additive, fuel, silicon, magnesium, calcium, zinc, vanadium, corrosion/ GTU 600 1.5 turbine, EYa 1T steel, EI 405 steel, PMS 15 polymethylsiloxane

ABSTRACT: A set of additives dissolved in fuels was tested in a model fire-test stand for the purpose of lowering vanadium corrosion. The fuels contained 0.03% V, 0.002% Na, and 0.9% S. As metallic specimens steel plates of the type EYa-1T and part of a GTU-600-1.5 turbine blade made of steel EI-405 were selected. The additives included Mg, Ca, Zn, Al, and a polymethylsiloxane (PMS-15). In all cases the ratio of metal or silicon (in the fuel) to vanadium was 3:1 (by weight). At 705C, all but the zinc naphthanate fuel showed vanadium corrosion removal. At 810C, only Mg naphthanates and polymethylsiloxane showed corrosion prevention. At 910C, only Mg naphthanate retained this ability. Magnesium additive No. 50, similar to Cord 1/2

ACCESSION NR: AP4044559

magnesium naphthanate, showed complete corrosion removal in steels EI-405 and EYa-1T through the range 700-900C, whereas technical product No. 51 with Si:V = 2:1 content showed a similar behavior only up to 800C. The rest of the additives were less effective. Orig. art. has: 2 figures and 2 tables.

ASSOCIATION: Vsesoyuznyy teplotekhnicheskiy institut (All-Union Heat Technology Institute)

SUBMITTED: 00

ENCL: 00

SUB CODE: PR, GC, MM

NO REF SOV: 010

OTHER: 000

Card 2/2

LIPSHTEYN, R.A., kand. tekhn. nauk; AVETISYAN, A.S., inzh.; BLAGOVA, T.A.,
inzh.; KOSOBOKOVA, E.M., inzh.; CHUYKOVA, T.A., inzh.

Use of petroleum fuel in a gas turbine system and soluble ad-
mixtures for decreasing vanadium corrosion. Teploenergetika 11
no.9:19-22 S '64. (MIRA 18:8)

1. Vsesoyuznyy teplotekhnicheskiy institut.

5

DUDAVSKIY, V., inzh. [translator]; ELAGOVA, Z., inzh. [translator];
BEREZINA, G. [translator]; DZHIBLADZE, V. [translator]; CHERNENKO,
B.G., kand.tekhn.nauk, red. [deceased]; DREMAYLO, P.G., otv.red.;
TSUKERMAN, S.Ya., red.izd-va; GALANOVA, V.V., tekhn.red.

[Use of hydrocyclones in coal preparation; collection of translated
articles] Primenenie gidrotisklonov pri obogashchenii ugli; sbornik
perevodov statei. Pod red. B.G.Chernenko, Moskva, Gos.nauchno-
tekhn.izd-vo lit-ry po gornomu delu, 1960. 160 p. (MIRA 13:10)

1. Gosudarstvennyy proyektno-konstruktorskiy i nauchno-issledova-
tel'skiy institut po obogashcheniyu i brikstirovaniyu ugley.
(Coal preparation) (Separators (Machines))

BLAGOVA, Z.S., inzh.; MELKOVA, A.Ye., inzh.

Regenerating mineral suspensions in industrial and laboratory
conditions. Sbor. inform. po obog. i brik. ugl. no.1:25-31 '57.
(Coal preparation--Equipment and supplies) (MIRA 11r4)

GALIGUZOV, N.S., kand.tekhn.nauk; BLAGOVA, Z.S., inzh.; GREBENSHCHIKOVA, A.Ye.,
inzh.

Coal preparation in heavy suspensions and prospects of its application
Obog.i brik. ugl. no.21:26-33 '61. (MIRA 16:5)
(Coal preparation)

KLASSEN, V.I., doktor tekhn.nauk; LITOVKO, V.I., kand.tekhn.nauk;
ZAREMBA, S.A., kand.tekhn.nauk; BLAGOVA, Z.S., inzh.;
DOBROKHOTOVA, I.A., inzh.; KARAMYSHEV, A.P., inzh.

Improvement of physical and mechanical properties of a magnetite
suspension by adding a peptizing agent. Obog.i brik.ugl.
no.30:50-57 '63. (MIRA 17:4)

1. Institut gornogo dela imeni Skochinskogo (for Klassen, Litovko,
Zaremba). 2. Vsesoyuznyy nauchno-issledovatel'skiy i proyektno-
konstruktorskiy institut po obogashcheniyu i briketirovaniyu
ugley (for Blagova, Dobrokhotova). 3. Obogatitel'naya fabrika
shakty imeni Abakumova tresta Rutchenkovugol' Donetskogo basseyna
(for Karamyshev).

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205420012-5

KLASSEN, V.I., doktor tekhn.nauk; LITOVKO, V.I., kand.tekhn.nauk; BLAGOVA,
Z.S., inzh.

Effect of sodium phosphates on the technological properties of
a magnetite suspension. Ugol' 40 no.3:63-65 Mr '65.
(MIRA 18:4)

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L 36439-66

EWT(m)/EWP(t)/ETI

IJP(c)

JD/RDW

ACC NR: AP6027080

SOURCE CODE: UR/0020/66/167/002/0361/0364

AUTHOR: Mochalov, K. N.; Konrat'yev, S. N.; Blagoveshchenskaya, G. I.; Sidorov, Ye. Ye.
ORG: Kazan' Chemico-Technological Institute im. S. M. Kirov (Kazansky khimiko-
tekhnologicheskiy institut) 27
13

TITLE: Preparation of pure selenium trioxide and some of its properties

SOURCE: AN SSSR. Doklady, v. 167, no. 2, 1966, 361-364

TOPIC TAGS: selenium compound, chemical synthesis, dehydration, selenic acid,
phosphorus oxide, chemical laboratory apparatus, chemical separation, chemical
purity, vacuum distillation

ABSTRACT: The Toul-Dostal method of synthesizing selenium trioxide, involving
the dehydration of anhydrous selenic acid with phosphorus pentoxide: $H_2SeO_4 + P_2O_5 \rightarrow SeO_3 + 2HPO_3$, was improved to give a more reliable and suitable method
by omitting the use of a drying chamber.

Phosphorus pentoxide and 98-100% selenic acid (without H_2SeO_3) are mixed in
a 12 : 10 weight ratio in the reactor section of a completely closed glass
apparatus. After sealing of the leading tube the apparatus is connected to a
vacuum pump, and the reaction mixture is heated to 140-145°. At this
temperature and a pressure of 1-2 mm Hg the basic mass of selenium trioxide
is separated. SeO_3 vapors are condensed in a collector which is cooled with
running water. After completion of the reaction necks to the collector
are sealed and the cooler is removed. The selenium trioxide in the collector

Card 1/2

UDC: 546.23
0917 0073

L 36489-66

ACC NR: AP6027080

contains only the impurity of selenic acid. To remove it the substance is vacuum-distilled twice. This article was presented by Academician I. I. Chernyayev on 24 June 1965. Orig. art. has: 1 figure. [JPRS: 36,455]

SUB CODE: 07 / SUBM DATE: 20Jun65 / ORIG REF: 001 / OTH REF: 010

Card 2/2MLP

ELAGOVESNICHENSKAYA, G. S.

Brutsellez sel'skokhoziaistvennykh zhivotnykh i mery bor'by s nim /Brucellosis in farm animals and measures for its control/. 2-e izd. Gor'kii, Gor'k. kn. izd-vo, 1953. 52 p.

SO: Monthly List of Russian Accessions, Vol. 6 No. 11 February 1954

BLAGOVESHCHENSKAYA, G. S.

USSR/Medicine - Veterinary, Brucellosis Control

Card 1/1

Author : Blagoveshchenskaya, G. S., Veterinary Physician

Title : Experience in eradicating brucellosis in Gor'kovskaya Oblast

Periodical : Veterinariya, 31, 28-33, May 1954

Abstract : At one time between 60% and 70% of all animals on some farms in Gor'kovskaya Oblast had brucellosis. After a campaign to educate the people in methods of recognition and prevention of the disease, incidence fell considerably. Vaccination of young animals against brucellosis during the years between 1944 and 1951 contributed to disappearance of brucellosis in many rayons of the oblast. Dry vaccine, prepared by the Kirov Scientific-Research Institute of Epidemiology and Hygiene, was used.

Institution : Gor'kovskaya Oblast Veterinary Research Station

Submitted :

BLAGOVESHCHINSKAYA, G.S.

USSR/Microbiology - Medical and Veterinary
Microbiology

F-6

Abs Jour : Ref Zhur-Biologiya, No 1, 1957, 719

Author : G. S. Blagoveshchinskaya

Inst :

Title : Comparative Evaluation of Brucellosis
Antigen Prepared by Instructions and
Khedd'l'son Method of Modification

Orig Pub : Tr. Gorkovsk. n-i. vet. opyt. st., 1955,
No 1, 15-21

Abstract : Parallel tests of the agglutinability
of brucellosis antigens prepared by the
Khedd'l'son method and according to in-
structions, revealed a higher agglutina-
bility of the antigens prepared by the
first method in a concentration of 10

Card 1/2

USSR/Microbiology - Medical and Veterinary
Microbiology

F-6

Abs Jour : Ref Zhur-Biologiya, No 1, 1957, 719

Abstract : billion microbic bodies in 1 ml of the antigen. The reaction of agglutination with the antigen prepared by the Kheddl'son method and applied in the investigation of cattle produced a higher reaction in 8.2 to 22.2%, while upon the investigation of livestock free of brucellosis it was found to be strictly specific.

Card 2/2

BLAGOVESHCHENSKAYA, Galina Sergeyevna

[Experience in controlling brucellosis (on farms in Gorkiy Province)]
Opyt likvidatsii brutselleza (v khoziaistvakh Gor'kovskoi oblasti)
Moskva, Gos. izd-vo selkhoz. lit-ry, 1957. 39 p. (MIRA 10:11)
(Gorkiy, Province--Brucellosis)

BLAGOVESHCHENSKAYA, I. N.: Master Med Sci (diss) -- "The physiological principles of the optimal interval between heat stimuli in the adaptation of mine rescuers to high temperature". Stalino, 1958. 15 pp (Khar'kov Med Inst), 230 copies (KL, No 6, 1959, 142)

NAVAKATIKYAN, A.O.; LEBEDEVA, V.V.; BLAGOVESHCHENSKAYA, I.K.; PLEVNY, S.A.

Analysis of the effect of physical load, high environmental temperature and high oxygen content in inspired air on the excitability of the human visual analyser. Fiziol. zhur. 49 no.9:1036-1043 S '63. (MIRA 17:12)

1. From the Laboratory for Clinical Physiology, Research Institute of Occupational Physiology, Donetsk.

ONOPKO, B.N., otv. red.; NAVAKATIKYAN, A.O., zam. otv. red.;
BLAGOVESHCHENSKAYA, I.N., red.; VEREZHNIKOVA, A.V., red.
GALUSHKA, F.P., red.; ZINGER, Ye.Ye., red.; LYUBOMUDROV,
V.Ye., red.; MAKSIMOVICH, V.A., red.; OKUN', M.I., red.

[Basic problems of hygiene, industrial physiology and occupational pathology in the leading branches of Donets Basin industries; scientific session of May 1964; abstracts of the reports] Osnovnye voprosy gigieny, fiziologii truda i professional'noi patologii v vedushchikh otрасляkh promyshlennosti Donbassa; nauchnaia sessia, mai 1964 g.; tezisi dokladov. Donetsk, 1964. 147 p.

(MIRA 18:1)

1. Donetsk. Nauchno-issledovatel'skiy institut fiziologii truda.

SHKREBEL', M.Ya.. Prinimali uchastiye: BLAGOVESHCHENSKAYA, K.A.;
DZYUBENKO, G.F.; FRAGAYLOVA, V.I.; ZALESSKAYA, L.O.; KOTSERUBA,
L.P.; KOVBASENKO, L.A.; LYAUDANSKAYA, B.Ye.; MILOVZOROV, P.Z.
[deceased]; MIZHURENDA, M.P.; SMITKO, K.I.; YANTSOVA, A.V..
KRESHCHENSKIY, Ye.S., tekhn.red.

[Economy of Kiev Province; a statistical manual] Narodnoe kho-
ziaistvo Kievskoi oblasti: statisticheskii stornik. Kiev, Gos.
stat.izd-vo, 1959. 255 p. (MIRA 13:3)

1. Kiev (Province) Statisticheskoye upravleniye. 2. Nachal'nik
statisticheskogo upravleniya Kyevskoy oblasti (for Shkrebela').
(Kiev Province--Statistics)

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205420012-5

BLAGOVESHCHENSKAYA, M.

Unknown instance of a star shower in the 20th century
Izv. Turk. fil. AN SSSR, no. 2, 1949

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205420012-5"

BLAGOVESHCHENSKIY, G.K., vrach (Noginsk); BLAGOVESHCHENSKAYA, M.I., med.
sestra (Noginsk)

~~Healthy sleep of children. Med.sestra 21 no.10:28-32 0 '62.~~
(MIRA 16:4)
(CHILDREN-SLEEP)

"APPROVED FOR RELEASE: 06/08/2000

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BLAGOVESHCHENSKAYA, M.N.

Traces of glaciation in the Lower Tunguska Valley and its tributaries. Mat. VSEGI no.7:243-248 '55. (VZMA 10:4)
(Lower Tunguska Valley--Glacial Epoch)

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БЛАГОВЕЩЕНСКАЯ, М.Н.; КАЗАНОВИЧ, К.К.
БЛАГОВЕЩЕНСКАЯ, М.Н.; КАЗАНОВИЧ, К.К.

Sulfates in pre-Cambrian shales of the Yenisey Ridge. Zap. Vses.
min. ob-va 86 no.4:499-501 '57. (MIRA 11:1)
(Yenisey Ridge--Shales)
(Sulfates)

BLAGOVESHCHENSKAYA, M.N.

Tectonic pattern of the Irkineeva ledge in the Yenisey Ridge and
the zone of Angara folds. Mat.VSEGEI no.32:23-36 '60.

(MIRA 14:3)

(Yenisey Ridge--Geology, Structural)
(Angara Valley--Geology, Structural)

ZAVARZIN, L.G.; BLAGOVESHCHENSKAYA, M.N.

Ordovician sediments in the upper Kamenka Valley and some
geological characteristics of this region. Inform.sbor.VSEGEI
no.40:29-33 '60. (MIRA 14:12)
(Kamenka Valley (Krasnoyarsk Territory)—Rocks, Sedimentary)

BLAGOVESHCHENSKAYA, M. N., Cand Geol-Min Sci -- "Fundamental problems of stratigraphy and tectonics of the southwestern part of the Siberian platform. (Basin of the lower ~~Angara~~^{Ob} of the Angara River.) Len, 1961. (Min of Higher and Sec Spec Ed RSFSR. Len Order of Lenin State U im A. A. Zhdanov) (KL, 8-61, 233)

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YATSIMIRSKIY, K.B.; BUDARIN, L.I.; BLAGOVESHCHENSKAYA N.A.;
SMIRNOVA, R.V.; FEDOROVA, A.P.; YATSIMIRSKIY, V.K.

Determination of microquantities of iodide by its catalytic
action on thiocyanate oxidation reactions. Zhur. anal. khim.
18 no.1:103-108 Ja '63. (MIRA 16:4)

1. Ivanovo Chemico-Technological Institute.
(Iodides) (Thiocyanates) (Oxidation)

~~DOCUMENTA MEDICA Sec.17 Vol.4/1 Public Health, etc. Jan58~~
~~BLAGOVESCHENSKAYA, N.M.~~

113. BLAGOVESCHENSKAYA N. M. *Epidemiology of leptospirosis without jaundice (Russian text)* Z. Mikrobiol. 1957, 2 (82-87)
In a large pig-farm (region of Rostov/Don) an epidemic of leptospirosis broke out among the people in the summer of 1954. Sixty-two patients were

Iz Rostovskogo na-Donu Instituta
Epidemiologii mikrobiologii
i gigienny.

detected. When examined serologically, 42 patients proved to be infected by L. pomona (Monjacov type). The same species was isolated from the blood of the patients. The source of the infection for the patients were the pigs, which had already recovered or were still suffering from leptospirosis. From the pigs, the same type of leptospira was cultivated as that isolated from the human cases. In all cases the route of transmission of the infection was water infected by the urine of the animals. From 2 suspected ponds, which served as water reservoir, leptospirae were isolated which were identical to those cultivated from the blood of the animals. Sanitary measures were taken. Fresh cases of leptospirosis have not developed since the use of water from the infected ponds has been prohibited for watering animals and for bathing. The mortality among the pigs has diminished since all the animals have been vaccinated.

Mitov — Plovdiv

BLAGOVESHCHENSKAYA, N.M.; ZARUBINA, L.V.; MOROZOVA, N.F.

Clinical aspects of leptospirosis in man. Sov.med. 21 no.3:33-37
(MLRA 10:7)
Mr '57.

1. Is Rostovskogo-na-Donu instituta epidemiologii, mikrobiologii i
gigiyeny (dir. Ye.S.Soboleva)
(LEPTOSPIROSIS
clinical aspects)

BLAGOVESCHENSKAYA, N.N.; ZARUBINA, L.V.; MOGILEVSKAYA, Ye.P.

Diagnosis of leptospirosis in swine. Veterinariia 34 no.5:26-27 My '57.
(MLRA 10:6)

1. Institut epidemiologii, mikrobiologii i gigiyeny, Rostov-na-Donu.
(Swine--Diseases and pests) (Leptospirosis--Diagnosis)

ELAGOVESHCHENSKAYA, N.M. Cand Med Sci -- (diss) "Data
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BLAGOVESHCHENSKAYA, N.M.; GONCHAROVA, K.P.

Water transmission of leptospirosis. Gig.i san. 24 no.11:12-16
N '59. (MIRA 13:4)

1. Iz Rostovskogo-na-Donu instituta epidemiologii, mikrobiologii
i gigiyeny.
(LEPTOSPIROSIS transmission)
(WATER SUPPLY microbiology)

BLAGOVESHCHENSKAYA, N. M. ; KHUGLOVA, V. M.

Role of fresh-water animals in the epidemiology of leptospirosis.
Zool. zhur. 39 no.5:661-665 Ny '60. (MIRA 13:10)

1. Rostov-on-Don Institute of Epidemiology, Microbiology and Hygiene, and Research Biological Institute of Rostov State University.
(Leptospirosis) (Fresh-water fauna)

BLAGOVESHCHENSKAYA, N.M.; ZARUBINA, L.V.; KONDRATENKO, V.F.; MAKAROV, S.V.;
MESHCHANNIKOVA, M.F.

Natural focus of *Leptospira hebdomadis* infections in Rostov Province.
Zool. zhur. 40 no.10:1457-1460 O '61. (MIRA 14:9)

1. Rostov-on-Don Institute of Epidemiology, Microbiology and
Hygiene.

(ROSTOV PROVINCE--LEPTOSPIROSIS)
(RODENTS AS CARRIERS OF DISEASE)

EFLAGOVESHCHENSKAYA, N.M.; KONDRATENKO, V.F.; ZARUBINA, L.V.

Natural nidus of Leptospira pomona in the Kabardino-Balkar A.S.S.R.
Zool. zhur. 42 no.8:1147-1154 '63. (MIRA 16:9)

1. Rostov-on-Don Research Institute of Epidemiology, Microbiology
and Hygiene.

(Kabardino-Balkar A.S.S.R.—Leptospirosis)

BLAGOVESHCHENSKAYA, N.M.; KONDRATENKO, V.F.; ZARUBINA, L.V.

Natural focus of leptospirosis of the serological group hebdomadis
in Rostov Province. Zool. zhur. 42 no.10:1561-1566 '63.
(MIRA 16:12)

1. Rostov-on-Don Research Institute of Epidemiology, Microbiology
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BLAGOVESHCHINSKAYA, N. N.

"The Principal Aspect of Pollination of Lucerne by Bees." Cand Biol Sci, Inst of Zoology, Acad Sci USSR, Leningrad, 1954. (RZhBiol, No 8, Apr 55)

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BLAGOVESHCHENSKAYA, N. N.

USSR/Biology - Zoology

Card 1/1 Pub. 22 - 51/56

Authors : Blagoveshchenskaya, N. N.

Title : Nesting of bees and the pollination of alfalfa

Periodical : Dok. AN SSSR 99/5, 859-860, Dec 11, 1954

Abstract : The effect of honeybees on the pollination of alfalfa was investigated. Results showed that only wild solitary bees Rophites canus Eversm. and other species of that family are the basic pollinators of alfalfa. Honeybees collect only the nectar from the bloom of the alfalfa and leave the flower closed and non-pollinated. Fourteen references: 12-USSR and 2-German (1922-1953).

Institution: State Pedagogical Institute, Ulyanovsk

Presented by: Academician E. N. Pavlovskiy, July 7, 1954

GAYNIYEV, S.S., dots.; KIRILLOVA, A.A., dots., glav. red.;
BLAGOVESHCHENSKAYA, N.N., dots., red.; SINYAGINA, N.P.,
st. prepod., red.

[Vertebrates of Ul'yanovsk Province] Pozvonochnye zhivotnye
Ul'ianovskoi oblasti. Ul'ianovsk, Gos. pedagog. in-t, 1959.
74 p. (MIRA 16:10)
(Ul'yanovsk Province—Vertebrates)

BLAGOVESHCHENSKAYA, N.N.

A huge colony of the solitary bee Dasypoda plumipes Pz. (Hymenoptera, Melittidae). Ent. oboz. 42 no.1:115-117 '63. (MIRA 16:8)

1. Ul'yanovskiy pedagogicheskiy institut, g. Ul'yanovsk.
(Ul'yanovsk Province—Bees)

